

ABSTRACT

In accordance with the present invention, a system for measuring the transmission characteristic of an xDSL system that implements high-speed data communication over existing copper wires connecting an office and a subscriber includes a pulling device included in the outside line of an xDSL circuit, which is installed in an office, for pulling a subscriber line. A noise level measuring circuit measures the level of cross-talk noise on the subscriber line. A decision circuit determines, based on the level of cross-talk noise measured, whether or not the subscriber line is usable.